

#### STRUCTION SHEET

Use this RX8 2013 Supplementary Instruction Sheet along with the standard RX8 Instruction Manual included in the kit.

### New and Improved Parts

All of these parts are new or updated from the previous versions. Each part features its corresponding part number which can be used to for re-ordering. You can also refer to the complete exploded views.

# **RX8 2013 SPECS**



#332561 SERVO SAVER SPRING C=14



#338000-0 ALU SHOCK ABSORBER-SET - LOW PROFILE - ORANGE (2)



#338084 XRAY 3S SPRING-SET C=5.0 (2)



#338089 XRAY 3S SPRING-SET C = 7.5 (2)



#338594 CLUTCH PRELOAD ADJ. NUT - HUDY SPRING STEEL<sup>™</sup> - V2



#338732 **EXHAUST MOUNTING WIRE - EXTRA-LONG** 



**COMPOSITE BUMPER - DOWNFORCE** 

#343012

**2-SPEED BEARING** 



#341211 **COMPOSITE HOLDER FOR FRONT BODY POSTS - REINFORCED** 









#342500

**GRAPHITE SHOCK TOWER FRONT - LOWER** 









#343071

**BELT TENSIONER SET - STEEL** 

#343081

**GRAPHITE SHOCK TOWER REAR - LOWER** 

#342081

#342022 **COMPOSITE LOWER BULKHEAD FRONT LEFT FOR MUFFLER MOUNT** 

COMPOSITE LOWER BULKHEAD REAR RIGHT FOR LARGE















## 6. STEERING

# PAGE 22 / STEP 4





#### 8. ENGINE & <u>Clutch</u> PAGE 27 / STEP 1 INITIAL POSITION FOR Clutch weights are machined as 1 piece, with thin film connecting the pieces together. You **FLYWHEEL PINS** need to cut the connecting film to separate the 3 shoes. **TECH TIP FOR RX8 CLUTCH SHOE** 0000 NOTE To ensure that the RX8 clutch shoe works properly and for a long ORIENTATION time, it is very important to run in the clutch shoe. Please follow these run-in steps to help ensure proper clutch operation: Install clutch according to manual. TECH TIP FOR EXTRA BOTTOM-END POWER For extra bottom-end power, thread a M3x4 setscrew (#901304) into each clutch flyweight as shown. The setscrew will add more weight to the end of the flyweight which will cause the flyweight Check that the spring preload is not too much; for run-in process use less preload. to open harder, giving more bottom-end power. This is recommended for high-traction tracks where bottom-end power is required. S When you start the engine, the clutch should start engage under low RPM. After inserting the setscrew, If the clutch engages only under high RPM, stop the engine and loosen the spring preload IMPORTANT! some excess material may collar. Repeat until the clutch engages under low RPM. Install setscrew into free (non-pivot) come out of the hole. end of flyweight. **REMOVE** this excess material • Run in the clutch shoe on the track, or on the starter box if you have only limited time. 3x with a knife. (We recommend running it in on the track.) 6 Run in the clutch shoe for 1 tank of fuel using a soft preload setting, and then after that slightly tighten the spring preload. DO NOT run in the clutch shoe under high RPM. 6 Continue this process until the clutch shoe is properly run in; this will be indicated by a dark M3x4 CUTAWAY VIEW and glossy surface colour on the top of the clutch shoe. (#901304 not included)







Tighten the shock cap.. When tightening the shock cap, extra oil will again release through the hole in the alu cap-nut. When tightening, the shock shaft will push out from the shock body. If the shock shaft does not rebound enough, you will have to refill the shock with shock oil, and then repeat the bleeding and rebound adjustment procedures.

#### SHOCK LENGTH ADJUSTMENT:

It is VERY important that all shocks are equal length.

Fully extend the shock absorber and measure the end-to-end length; we recommend using digital calipers to give an accurate measurement. If a shock absorber is shorter or longer than others, adjust the shock length by tightening or loosening the ball joint on the shock rod.

